

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2010 Levee Inspection Results**

**Reclamation District No. 1500 Sutter Basin**

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|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              |                                |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2010 Levee Inspection Results**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Sacramento River           |                         |                           | Left                           | 33.58                           |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 4/13/2010 - 4/15/2010   |                           |                                |                                 |
| DWR Inspector                          | John Williamson         |                           |                                |                                 |
| Accompanied By                         |                         |                           |                                |                                 |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     |            |       |               |                |          | Bank   | Unit Miles   | Inspection Start/End         | Inspector                    |                    |
|------------------------------|------------|-------|---------------|----------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River |            |       |               |                |          | Left   | 33.58  | 04/13/2010<br>04/15/2010     | John<br>Williamson           |                    |
| LMR No                       | Levee Mile |       | Category      | Item           | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|                              | Start      | End   |               |                |          |        |  | Start                        | End                          |                    |
| 1                            | 0.00       | 0.00  | Earthen Levee | Animal Control | CR       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.761070 °<br>-121.674685 ° | 38.761070 °<br>-121.674685 ° | 1                  |
| 2                            | 0.00       | 33.56 | Earthen Levee | Vegetation     | WS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 38.761070 °<br>-121.674690 ° | 39.022888 °<br>-121.820729 ° | 19                 |
| 3                            | 0.00       | 33.56 | Earthen Levee | Vegetation     | LS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 38.761070 °<br>-121.674690 ° | 39.022889 °<br>-121.820729 ° | 15                 |
| 4                            | 0.03       | 0.03  | Earthen Levee | Animal Control | CR       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.761042 °<br>-121.675018 ° | 38.761042 °<br>-121.675018 ° | 959<br>Y           |
| 5                            | 0.06       | 0.06  | Earthen Levee | Animal Control | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.761027 °<br>-121.675705 ° | 38.761027 °<br>-121.675705 ° | 985<br>Y           |
| 6                            | 0.08       | 0.08  | Earthen Levee | Animal Control | WS       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.761061 °<br>-121.676007 ° | 38.761061 °<br>-121.676007 ° | 986                |
| 7                            | 0.27       | 0.27  | Earthen Levee | Animal Control | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.762649 °<br>-121.678591 ° | 38.762649 °<br>-121.678591 ° | 987                |
| 8                            | 0.49       | 0.49  | Earthen Levee | Encroachments  | LS       | M      | Prunings   | 38.764478 °<br>-121.681888 ° | 38.764478 °<br>-121.681888 ° | 2                  |
| 9                            | 0.51       | 0.51  | Earthen Levee | Animal Control | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.   | 38.764484 °<br>-121.681848 ° | 38.764484 °<br>-121.681848 ° | 960                |
| 10                           | 1.31       | 1.31  | Earthen Levee | Encroachments  | WS       | PO     | Buildings<br>Inspector Comments: pump house  | 38.769712 °<br>-121.691055 ° | 38.769712 °<br>-121.691055 ° | 3                  |
| 11                           | 1.34       | 1.34  | Earthen Levee | Encroachments  | LS       | PO     | Landscaping<br>Inspector Comments: retaining wall into levee   | 38.769983 °<br>-121.690610 ° | 38.769983 °<br>-121.690610 ° | 4<br>Y             |
| 12                           | 1.45       | 1.45  | Earthen Levee | Encroachments  | WS       | M      | Debris   | 38.770871 °<br>-121.688859 ° | 38.770871 °<br>-121.688859 ° | 5<br>Y             |
| 13                           | 2.57       | 3.83  | Earthen Levee | Encroachments  | LS       | PO     | Agricultural Ditch   | 38.785351 °<br>-121.689075 ° | 38.797174 °<br>-121.693045 ° | 963<br>Y           |
| 14                           | 2.95       | 2.95  | Earthen Levee | Vegetation     | WS       | M      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: tree fell has been cut to clear crown need to finish cutting up and clear vegetation on slope | 38.789107 °<br>-121.684616 ° | 38.789107 °<br>-121.684616 ° | 988<br>Y           |
| 15                           | 3.73       | 3.73  | Earthen Levee | Encroachments  | WS       | PO     | Buildings  | 38.797139 °<br>-121.691137 ° | 38.797139 °<br>-121.691137 ° | 6                  |
| 16                           | 3.99       | 3.99  | Earthen Levee | Encroachments  | LS       | PO     | Buildings  | 38.797597 °<br>-121.695775 ° | 38.797597 °<br>-121.695775 ° | 7                  |
| 17                           | 4.01       | 4.01  | Earthen Levee | Encroachments  | LS       | PO     | Landscaping  | 38.797827 °<br>-121.695985 ° | 38.797827 °<br>-121.695985 ° | 8                  |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     |            |       |               |                      |          |        | Bank  | Unit Miles                   | Inspection Start/End         | Inspector          |
|------------------------------|------------|-------|---------------|----------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River |            |       |               |                      |          |        | Left  | 33.58                        | 04/13/2010<br>04/15/2010     | John<br>Williamson |
| LMR No.                      | Levee Mile |       | Category      | Item                 | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No.          |
|                              | Start      | End   |               |                      |          |        |   | Start                        | End                          | Photo              |
| 18                           | 4.03       | 4.03  | Earthen Levee | Encroachments        | WS       | PO     | Buildings<br>Inspector Comments: pump house concrete building   | 38.798048 °<br>-121.696148 ° | 38.798048 °<br>-121.696148 ° | 9                  |
| 19                           | 4.20       | 4.20  | Earthen Levee | Encroachments        | LS       | PO     | Buildings   | 38.800550 °<br>-121.696752 ° | 38.800550 °<br>-121.696752 ° | 11                 |
| 20                           | 4.65       | 4.65  | Earthen Levee | Encroachments        | LS       | PO     | Landscaping   | 38.803632 °<br>-121.702770 ° | 38.803632 °<br>-121.702770 ° | 12                 |
| 21                           | 5.24       | 5.24  | Earthen Levee | Encroachments        | WS       | PO     | Buildings<br>Inspector Comments: pump house   | 38.802328 °<br>-121.712920 ° | 38.802328 °<br>-121.712920 ° | 13                 |
| 22                           | 5.39       | 5.39  | Earthen Levee | Encroachments        | LS       | CO     | Landscaping   | 38.803273 °<br>-121.715325 ° | 38.803273 °<br>-121.715325 ° | 14                 |
| 23                           | 5.67       | 5.75  | Earthen Levee | Encroachments        | WS       | PO     | Buildings<br>Inspector Comments: Sting Rayz Beach Boardwalk Marina waterside berm   | 38.803005 °<br>-121.720380 ° | 38.803238 °<br>-121.721847 ° | 52<br>Y            |
| 24                           | 7.19       | 7.19  | Earthen Levee | Encroachments        | LS       | C      | Prunings  | 38.823851 °<br>-121.722747 ° | 38.823851 °<br>-121.722747 ° | 989                |
| 25                           | 7.57       | 7.57  | Earthen Levee | Encroachments        | LS       | M      | Equipment   | 38.828975 °<br>-121.724265 ° | 38.828975 °<br>-121.724265 ° | 16<br>Y            |
| 26                           | 7.68       | 7.68  | Earthen Levee | Encroachments        | LS       | PO     | Landscaping   | 38.830200 °<br>-121.725268 ° | 38.830200 °<br>-121.725268 ° | 17<br>Y            |
| 27                           | 7.71       | 7.71  | Earthen Levee | Animal Control       | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.  | 38.830818 °<br>-121.725800 ° | 38.830818 °<br>-121.725800 ° | 10<br>Y            |
| 28                           | 7.90       | 7.99  | Earthen Levee | Vegetation           | LS       | C      | Control annual grass and weeds on the levee slopes and easements.   | 38.833046 °<br>-121.727926 ° | 38.833938 °<br>-121.729018 ° | 990                |
| 29                           | 8.12       | 8.61  | Earthen Levee | Vegetation           | LS       | C      | Control annual grass and weeds on the levee slopes and easements.   | 38.835389 °<br>-121.730442 ° | 38.840483 °<br>-121.725700 ° | 991                |
| 30                           | 8.33       | 8.54  | Supplemental  | USACE Erosion Survey | WS       | U      | Inspector Comments: 2009: no berm, 2:1 slope, slumping, sands and silts, 3.32 ft/s [2009 SiteID:SAC_92-8_L]                 | 38.840417 °<br>-121.726864 ° | 38.838428 °<br>-121.730253 ° | 40<br>Y            |
| 31                           | 8.82       | 8.82  | Earthen Levee | Encroachments        | LS       | PO     | Buildings   | 38.842715 °<br>-121.726353 ° | 38.842715 °<br>-121.726353 ° | 18                 |
| 32                           | 9.44       | 9.65  | Supplemental  | USACE Erosion Survey | WS       | M      | Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, no stability issues, clays and silts, 3.37 ft/s [2009 SiteID:SAC_93-7_L] | 38.852361 °<br>-121.723619 ° | 38.850272 °<br>-121.723922 ° | 41<br>Y            |
| 33                           | 11.42      | 11.42 | Earthen Levee | Encroachments        | LS       | PO     | Landscaping   | 38.866555 °<br>-121.746017 ° | 38.866555 °<br>-121.746017 ° | 20                 |

**\* Location**

LS : Land Side  
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CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     |            |       |               |                       |          |        | Bank   | Unit Miles                   | Inspection Start/End         | Inspector          |
|------------------------------|------------|-------|---------------|-----------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River |            |       |               |                       |          |        | Left   | 33.58                        | 04/13/2010<br>04/15/2010     | John<br>Williamson |
| LMR No.                      | Levee Mile |       | Category      | Item                  | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.          |
|                              | Start      | End   |               |                       |          |        |  | Start                        | End                          | Photo              |
| 34                           | 11.93      | 11.93 | Earthen Levee | Erosion / Bank Caving | WS       | M      | Note and monitor erosion site.   | 38.871972 °<br>-121.749765 ° | 38.871972 °<br>-121.749765 ° | 55                 |
| 35                           | 12.10      | 12.38 | Supplemental  | USACE Erosion Survey  | WS       | M      | Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, holes and slumping, clays and silts, 3.22 ft/s [2009 SiteID:SAC_96-2_L] | 38.869139 °<br>-121.757108 ° | 38.870475 °<br>-121.752236 ° | 43<br>Y            |
| 36                           | 12.15      | 12.15 | Earthen Levee | Encroachments         | WS       | PO     | Buildings  | 38.870562 °<br>-121.753335 ° | 38.870562 °<br>-121.753335 ° | 23                 |
| 37                           | 12.31      | 12.31 | Earthen Levee | Erosion / Bank Caving | WS       | W      | Note and monitor erosion site.<br>Inspector Comments: wide berm  | 38.869700 °<br>-121.755945 ° | 38.869700 °<br>-121.755945 ° | 50                 |
| 38                           | 12.55      | 12.55 | Earthen Levee | Encroachments         | LS       | M      | Equipment  | 38.868717 °<br>-121.760133 ° | 38.868717 °<br>-121.760133 ° | 24                 |
| 39                           | 12.93      | 12.93 | Earthen Levee | Encroachments         | CR       | M      | Equipment  | 38.865127 °<br>-121.765157 ° | 38.865127 °<br>-121.765157 ° | 25                 |
| 40                           | 13.12      | 13.12 | Earthen Levee | Encroachments         | LS       | CO     | Buildings  | 38.863547 °<br>-121.767937 ° | 38.863547 °<br>-121.767937 ° | 26                 |
| 41                           | 13.18      | 13.18 | Earthen Levee | Encroachments         | LS       | M      | Equipment<br>Inspector Comments: tires   | 38.863081 °<br>-121.768781 ° | 38.863081 °<br>-121.768781 ° | 992                |
| 42                           | 14.09      | 14.09 | Earthen Levee | Encroachments         | WS       | M      | Firewood   | 38.857683 °<br>-121.782652 ° | 38.857683 °<br>-121.782652 ° | 27                 |
| 43                           | 14.13      | 14.13 | Earthen Levee | Encroachments         | WS       | M      | Equipment  | 38.857792 °<br>-121.783265 ° | 38.857792 °<br>-121.783265 ° | 28<br>Y            |
| 44                           | 14.13      | 14.43 | Supplemental  | USACE Erosion Survey  | WS       | M      | Inspector Comments: 2009: 10 ft berm, 1:1 slope, slumping, sands and silts, 2.72 ft/s [2009 SiteID:SAC_99-0_L]             | 38.861889 °<br>-121.784083 ° | 38.857233 °<br>-121.783803 ° | 44<br>Y            |
| 45                           | 14.35      | 14.35 | Earthen Levee | Encroachments         | LS       | CO     | Buildings<br>Inspector Comments: concrete stemwall into levee embankment   | 38.860848 °<br>-121.783307 ° | 38.860848 °<br>-121.783307 ° | 30<br>Y            |
| 46                           | 14.39      | 14.39 | Earthen Levee | Encroachments         | LS       | CO     | Landscaping  | 38.861513 °<br>-121.783588 ° | 38.861513 °<br>-121.783588 ° | 31<br>Y            |
| 47                           | 14.42      | 14.42 | Earthen Levee | Encroachments         | WS       | C      | Prunings<br>Inspector Comments: Acacia trimmings off crown   | 38.861852 °<br>-121.783728 ° | 38.861852 °<br>-121.783728 ° | 993                |
| 48                           | 14.86      | 15.93 | Earthen Levee | Encroachments         | LS       | PO     | Agricultural Ditch   | 38.865473 °<br>-121.789413 ° | 38.871752 °<br>-121.804257 ° | 969<br>Y           |
| 49                           | 15.27      | 15.27 | Earthen Levee | Encroachments         | LS       | PO     | Fences<br>Inspector Comments: fence compound around sand separators fence at toe   | 38.866825 °<br>-121.794020 ° | 38.866825 °<br>-121.794020 ° | 22<br>Y            |

**\* Location**

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WS : Water Side  
CR : Crown

**\*\* Rating**

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CO : Completely Obstructing  
N : Not Inspected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     |            |       |               |                       |          | Bank   | Unit Miles   | Inspection Start/End         | Inspector                    |                    |
|------------------------------|------------|-------|---------------|-----------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River |            |       |               |                       |          | Left   | 33.58  | 04/13/2010<br>04/15/2010     | John<br>Williamson           |                    |
| LMR No                       | Levee Mile |       | Category      | Item                  | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|                              | Start      | End   |               |                       |          |        |  | Start                        | End                          |                    |
| 50                           | 15.27      | 15.27 | Earthen Levee | Encroachments         | WS       | M      | Debris<br>Inspector Comments: pile of rip rap and concrete needs to be placed                        | 38.866827 °<br>-121.794020 ° | 38.866827 °<br>-121.794020 ° | 21<br>Y            |
| 51                           | 15.94      | 15.94 | Earthen Levee | Encroachments         | WS       | M      | Equipment  | 38.871960 °<br>-121.804440 ° | 38.871960 °<br>-121.804440 ° | 32<br>Y            |
| 52                           | 16.47      | 16.47 | Earthen Levee | Encroachments         | LS       | CO     | Landscaping<br>Inspector Comments: oleanders and other shrubs  | 38.875788 °<br>-121.812268 ° | 38.875788 °<br>-121.812268 ° | 33<br>Y            |
| 53                           | 16.86      | 17.45 | Earthen Levee | Encroachments         | LS       | PO     | Agricultural Ditch   | 38.881092 °<br>-121.813713 ° | 38.887335 °<br>-121.808187 ° | 972<br>Y           |
| 54                           | 17.83      | 17.83 | Earthen Levee | Encroachments         | LS       | M      | Prunings   | 38.891944 °<br>-121.804794 ° | 38.891944 °<br>-121.804794 ° | 994<br>Y           |
| 55                           | 18.51      | 18.51 | Earthen Levee | Erosion / Bank Caving | WS       | M      | Note and monitor erosion site.   | 38.901140 °<br>-121.802750 ° | 38.901140 °<br>-121.802750 ° | 51<br>Y            |
| 56                           | 19.19      | 19.19 | Earthen Levee | Encroachments         | LS       | PO     | Buildings<br>Inspector Comments: concrete retaining wall toe of landside levee permit #10065         | 38.901570 °<br>-121.791235 ° | 38.901570 °<br>-121.791235 ° | 36<br>Y            |
| 57                           | 19.22      | 19.22 | Earthen Levee | Encroachments         | LS       | PO     | Landscaping<br>Inspector Comments: concrete retaining wall along toe of landside levee permit #10065 | 38.901942 °<br>-121.790937 ° | 38.901942 °<br>-121.790937 ° | 37<br>Y            |
| 58                           | 19.88      | 19.88 | Earthen Levee | Animal Control        | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.                                       | 38.906243 °<br>-121.796276 ° | 38.906243 °<br>-121.796276 ° | 29<br>Y            |
| 59                           | 20.11      | 20.11 | Earthen Levee | Animal Control        | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.                                       | 38.906284 °<br>-121.800397 ° | 38.906284 °<br>-121.800397 ° | 34<br>Y            |
| 60                           | 20.86      | 21.40 | Earthen Levee | Encroachments         | LS       | PO     | Agricultural Ditch   | 38.910177 °<br>-121.810352 ° | 38.913267 °<br>-121.803142 ° | 975<br>Y           |
| 61                           | 24.04      | 24.04 | Earthen Levee | Encroachments         | LS       | PO     | Buildings<br>Inspector Comments: some equipment at landside toe                                      | 38.931838 °<br>-121.834437 ° | 38.931838 °<br>-121.834437 ° | 42<br>Y            |
| 62                           | 24.44      | 24.78 | Earthen Levee | Encroachments         | LS       | PO     | Agricultural Ditch   | 38.936282 °<br>-121.830192 ° | 38.940712 °<br>-121.830650 ° | 979<br>Y           |
| 63                           | 24.63      | 24.63 | Earthen Levee | Trim / Thin Trees     | LS       | M      | Thin trees to allow visibility of the ground and room to flood fight.                                | 38.938927 °<br>-121.829395 ° | 38.938927 °<br>-121.829395 ° | 995<br>Y           |
| 64                           | 24.64      | 24.64 | Earthen Levee | Encroachments         | LS       | M      | Prunings   | 38.938957 °<br>-121.829282 ° | 38.938957 °<br>-121.829282 ° | 980<br>Y           |
| 65                           | 25.76      | 26.54 | Earthen Levee | Encroachments         | LS       | PO     | Agricultural Ditch   | 38.952500 °<br>-121.837247 ° | 38.961135 °<br>-121.830902 ° | 981<br>Y           |
| 66                           | 26.03      | 26.03 | Earthen Levee | Animal Control        | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.                                       | 38.955847 °<br>-121.836909 ° | 38.955847 °<br>-121.836909 ° | 35<br>Y            |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     |            |       |               |                      |          | Bank   | Unit Miles   | Inspection Start/End         | Inspector                    |                    |
|------------------------------|------------|-------|---------------|----------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 01 Sacramento River |            |       |               |                      |          | Left   | 33.58  | 04/13/2010<br>04/15/2010     | John<br>Williamson           |                    |
| LMR No                       | Levee Mile |       | Category      | Item                 | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|                              | Start      | End   |               |                      |          |        |  | Start                        | End                          |                    |
| 67                           | 26.84      | 27.07 | Earthen Levee | Encroachments        | LS       | PO     | Agricultural Ditch   | 38.964850 °<br>-121.833595 ° | 38.968083 °<br>-121.833593 ° | 982<br>Y           |
| 68                           | 27.63      | 27.78 | Earthen Levee | Encroachments        | LS       | PO     | Agricultural Ditch   | 38.972440 °<br>-121.825892 ° | 38.972848 °<br>-121.823098 ° | 983<br>Y           |
| 69                           | 28.12      | 29.60 | Earthen Levee | Encroachments        | LS       | C      | Agricultural Ditch   | 38.976513 °<br>-121.819652 ° | 38.988433 °<br>-121.806403 ° | 984                |
| 70                           | 28.57      | 29.60 | Earthen Levee | Encroachments        | LS       | PO     | Agricultural Ditch   | 38.983081 °<br>-121.819924 ° | 38.988512 °<br>-121.806463 ° | 38                 |
| 71                           | 28.73      | 28.73 | Earthen Levee | Animal Control       | LS       | C      | Exterminate rodents and backfill and compact or grout burrows.   | 38.985241 °<br>-121.819831 ° | 38.985241 °<br>-121.819831 ° | 996                |
| 72                           | 30.60      | 30.60 | Earthen Levee | Encroachments        | LS       | PO     | Landscaping  | 38.996980 °<br>-121.794723 ° | 38.996980 °<br>-121.794723 ° | 45                 |
| 73                           | 31.34      | 31.98 | Supplemental  | USACE Erosion Survey | WS       | M      | Inspector Comments: 2009: 10 ft berm, 1.5:1 slope, holes and slumping, clays and silts, 4 ft/s [2009 SiteID:SAC_116-5_L] | 39.006061 °<br>-121.815342 ° | 39.003294 °<br>-121.805031 ° | 49<br>Y            |
| 74                           | 33.33      | 33.33 | Earthen Levee | Encroachments        | LS       | PO     | Buildings  | 39.019722 °<br>-121.820345 ° | 39.019722 °<br>-121.820345 ° | 46                 |
| 75                           | 33.41      | 33.41 | Earthen Levee | Encroachments        | WS       | PO     | Buildings<br>Inspector Comments: Pumping Plant Intake structure  | 39.020875 °<br>-121.820273 ° | 39.020875 °<br>-121.820273 ° | 48                 |
| 76                           | 33.41      | 33.41 | Earthen Levee | Encroachments        | LS       | PO     | Buildings  | 39.020875 °<br>-121.820272 ° | 39.020875 °<br>-121.820272 ° | 47                 |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 4              |
| Start Levee Mile       | 0.03           |
| End Levee Mile         | 0.03           |
| Location               | Crown          |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

hole in crown

johngw\_s\_20100420\_116.jpg



|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 5              |
| Start Levee Mile       | 0.06           |
| End Levee Mile         | 0.06           |
| Location               | Land Side      |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

holes on shoulder

johngw\_s\_20100420\_117.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 11            |
| Start Levee Mile       | 1.34          |
| End Levee Mile         | 1.34          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

landscape and retaining wall

johngw\_s\_20100420\_118.jpg



**\* Location**

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CO : Completely Obstructing  
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W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 12            |
| Start Levee Mile       | 1.45          |
| End Levee Mile         | 1.45          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

wood debris

johnngw\_s\_20100420\_119.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 13            |
| Start Levee Mile       | 2.57          |
| End Levee Mile         | 3.83          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

ag. ditch

johnngw\_s\_20100316\_030.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 14            |
| Start Levee Mile       | 2.95          |
| End Levee Mile         | 2.95          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

fallen tree waterside slope

johnngw\_s\_20100420\_120.jpg

**\* Location**

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Tuesday, July 06, 2010 15:28

**FINAL DATA**

Page 7 of 16

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 23            |
| Start Levee Mile       | 5.67          |
| End Levee Mile         | 5.75          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

Sting Rays Marina RV park

johngw\_s\_20100420\_121.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 25            |
| Start Levee Mile       | 7.57          |
| End Levee Mile         | 7.57          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

along landside toe

johngw\_s\_20100420\_122.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 26            |
| Start Levee Mile       | 7.68          |
| End Levee Mile         | 7.68          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

landscape shrubs

johngw\_s\_20100420\_123.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 27             |
| Start Levee Mile       | 7.71           |
| End Levee Mile         | 7.71           |
| Location               | Land Side      |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

large amount of spoils landside

johngw\_s\_20100420\_124.jpg



|                        |                      |
|------------------------|----------------------|
| Levee Mile Report Line | 30                   |
| Start Levee Mile       | 8.33                 |
| End Levee Mile         | 8.54                 |
| Location               | Water Side           |
| Category               | Supplemental         |
| Item                   | USACE Erosion Survey |

2009: no berm, 2:1 slope, slumping, sands and silts, 3.32 ft/s [2009 SiteID:SAC\_92-8\_L]

USACE2009\_SAC\_92-8\_L\_2009\_09\_16-D2P47\_small.JPG



|                        |                      |
|------------------------|----------------------|
| Levee Mile Report Line | 32                   |
| Start Levee Mile       | 9.44                 |
| End Levee Mile         | 9.65                 |
| Location               | Water Side           |
| Category               | Supplemental         |
| Item                   | USACE Erosion Survey |

2009: 15 ft berm, 1.5:1 slope, no stability issues, clays and silts, 3.37 ft/s [2009 SiteID:SAC\_93-7\_L]

USACE2009\_SAC\_93-7\_L\_2009\_09\_16-D2P46\_small.JPG



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|  |                      |
|--|----------------------|
| Levee Mile Report Line   | 35                   |
| Start Levee Mile   | 12.10                |
| End Levee Mile   | 12.38                |
| Location   | Water Side           |
| Category   | Supplemental         |
| Item   | USACE Erosion Survey |
| 2009: 15 ft berm, 1.5:1 slope, holes and slumping, clays and silts, 3.22 ft/s [2009 SiteID:SAC_96-2_L] |                      |
| USACE2009_SAC_96-2_L_2009_09_16-D2P39_small.JPG  |                      |



|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 43            |
| Start Levee Mile          | 14.13         |
| End Levee Mile            | 14.13         |
| Location                  | Water Side    |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| shot of equipment         |               |
| johngw_s_20100420_127.jpg |               |



|  |                      |
|--|----------------------|
| Levee Mile Report Line   | 44                   |
| Start Levee Mile   | 14.13                |
| End Levee Mile   | 14.43                |
| Location   | Water Side           |
| Category   | Supplemental         |
| Item   | USACE Erosion Survey |
| 2009: 10 ft berm, 1:1 slope, slumping, sands and silts, 2.72 ft/s [2009 SiteID:SAC_99-0_L] |                      |
| USACE2009_SAC_99-0_L_2009_09_16-D2P37_small.JPG  |                      |

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 45            |
| Start Levee Mile       | 14.35         |
| End Levee Mile         | 14.35         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

building and wall into levee

johngw\_s\_20100420\_128.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 46            |
| Start Levee Mile       | 14.39         |
| End Levee Mile         | 14.39         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

landscape shrubs on shoulder

johngw\_s\_20100420\_129.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 48            |
| Start Levee Mile       | 14.86         |
| End Levee Mile         | 15.93         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

ag. ditch

johngw\_s\_20100316\_031.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 49            |
| Start Levee Mile       | 15.27         |
| End Levee Mile         | 15.27         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

fence into levee toe

johnngw\_s\_20100420\_130.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 50            |
| Start Levee Mile       | 15.27         |
| End Levee Mile         | 15.27         |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

rip rap and concrete debris

johnngw\_s\_20100420\_131.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 52            |
| Start Levee Mile       | 16.47         |
| End Levee Mile         | 16.47         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

landscape shrubs

johnngw\_s\_20100420\_132.jpg

**\* Location**

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CR : Crown

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CO : Completely Obstructing  
N : Not Inspected

C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 53            |
| Start Levee Mile          | 16.86         |
| End Levee Mile            | 17.45         |
| Location                  | Land Side     |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| ag. ditch                 |               |
| johngw_s_20100316_032.jpg |               |



|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 54            |
| Start Levee Mile          | 17.83         |
| End Levee Mile            | 17.83         |
| Location                  | Land Side     |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| prunings                  |               |
| johngw_s_20100420_133.jpg |               |



|   |               |
|---|---------------|
| Levee Mile Report Line                      | 56            |
| Start Levee Mile                            | 19.19         |
| End Levee Mile                              | 19.19         |
| Location                                    | Land Side     |
| Category                                    | Earthen Levee |
| Item  | Encroachments |
| building and wall into levee with landscape |               |
| johngw_s_20100420_134.jpg                   |               |

**\* Location**

LS : Land Side  
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CR : Crown

**\*\* Rating**

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CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 60            |
| Start Levee Mile       | 20.86         |
| End Levee Mile         | 21.40         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

ag. ditch

johnwgw\_s\_20100316\_033.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 61            |
| Start Levee Mile       | 24.04         |
| End Levee Mile         | 24.04         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

pole barn and some equipment

johnwgw\_s\_20100420\_135.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 62            |
| Start Levee Mile       | 24.44         |
| End Levee Mile         | 24.78         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

ag. ditch

johnwgw\_s\_20100316\_034.jpg

**\* Location**

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WS : Water Side  
CR : Crown

**\*\* Rating**

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PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 65            |
| Start Levee Mile          | 25.76         |
| End Levee Mile            | 26.54         |
| Location                  | Land Side     |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| ag. ditch                 |               |
| johngw_s_20100316_035.jpg |               |



|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 67            |
| Start Levee Mile          | 26.84         |
| End Levee Mile            | 27.07         |
| Location                  | Land Side     |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| ag. ditch                 |               |
| johngw_s_20100316_036.jpg |               |



|                           |               |
|---------------------------|---------------|
| Levee Mile Report Line    | 68            |
| Start Levee Mile          | 27.63         |
| End Levee Mile            | 27.78         |
| Location                  | Land Side     |
| Category                  | Earthen Levee |
| Item                      | Encroachments |
| ag. ditch                 |               |
| johngw_s_20100316_037.jpg |               |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Sacramento River | Left | 33.58      | 04/13/2010<br>04/15/2010 | John<br>Williamson |

|  |                      |
|--|----------------------|
| Levee Mile Report Line   | 73                   |
| Start Levee Mile   | 31.34                |
| End Levee Mile   | 31.98                |
| Location   | Water Side           |
| Category   | Supplemental         |
| Item   | USACE Erosion Survey |
| 2009: 10 ft berm, 1.5:1 slope, holes and slumping, clays and silts, 4 ft/s [2009 SiteID:SAC_116-5_L]<br><br>USACE2009_SAC_116-5_L_2009_09_16-D2P23_small.JPG |                      |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      C : Corrected  
M : Minimally Acceptable      CO : Completely Obstructing      W : Watch/Monitor  
U : Unacceptable      N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2010 Levee Inspection Results**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                               |                         |                           |                                | Bank                            | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|------------|
| Unit No. 02 Sutter Bypass              |                         |                           |                                | Right                           | 20.77      |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |            |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |            |
| Date of Inspection                     | 4/19/2010 - 4/19/2010   |                           |                                |                                 |            |
| DWR Inspector                          | John Williamson         |                           |                                |                                 |            |
| Accompanied By                         |                         |                           |                                |                                 |            |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                  |            |       |               |                                       |          |        | Bank   | Unit Miles                   | Inspection Start/End         | Inspector          |
|---------------------------|------------|-------|---------------|---------------------------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
| Unit No. 02 Sutter Bypass |            |       |               |                                       |          |        | Right  | 20.77                        | 04/19/2010<br>04/19/2010     | John<br>Williamson |
| LMR No.                   | Levee Mile |       | Category      | Item                                  | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.          |
|                           | Start      | End   |               |                                       |          |        |  | Start                        | End                          | Photo              |
| 1                         | 0.00       | 20.77 | Earthen Levee | Vegetation                            | WS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 38.761080 °<br>-121.674690 ° | 39.021331 °<br>-121.741134 ° | 3<br>Y             |
| 2                         | 0.00       | 20.77 | Earthen Levee | Vegetation                            | LS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 38.761080 °<br>-121.674690 ° | 39.021331 °<br>-121.741135 ° | 2<br>Y             |
| 3                         | 0.01       | 0.01  | Earthen Levee | Encroachments                         | WS       | M      | Equipment  | 38.760845 °<br>-121.674640 ° | 38.760845 °<br>-121.674640 ° | 12                 |
| 4                         | 0.15       | 0.15  | Earthen Levee | Animal Control                        | LS       | C      | Exterminate rodents and backfill and compact or grout burrows.   | 38.762611 °<br>-121.672724 ° | 38.762611 °<br>-121.672724 ° | 13                 |
| 5                         | 0.16       | 1.86  | Earthen Levee | Crown Surface / Depressions / Rutting | CR       | A      | Keep the crown roadway free of vegetation.<br>Inspector Comments: Vegetation at center of crown is spotty and short throughout the unit. Areas marked vegetation is tall, crown should be spot sprayed during spring.  | 38.762748 °<br>-121.672502 ° | 38.782979 °<br>-121.655611 ° | 1<br>Y             |
| 6                         | 2.91       | 4.59  | Earthen Levee | Crown Surface / Depressions / Rutting | CR       | A      | Keep the crown roadway free of vegetation.   | 38.797801 °<br>-121.655336 ° | 38.821132 °<br>-121.663643 ° | 4                  |
| 7                         | 3.32       | 3.32  | Earthen Levee | Animal Control                        | LS       | C      | Exterminate rodents and backfill and compact or grout burrows.   | 38.803653 °<br>-121.657062 ° | 38.803653 °<br>-121.657062 ° | 14                 |
| 8                         | 3.45       | 3.45  | Earthen Levee | Animal Control                        | LS       | C      | Exterminate rodents and backfill and compact or grout burrows.   | 38.805378 °<br>-121.657680 ° | 38.805378 °<br>-121.657680 ° | 15                 |
| 9                         | 5.91       | 6.67  | Earthen Levee | Crown Surface / Depressions / Rutting | CR       | A      | Keep the crown roadway free of vegetation.   | 38.839489 °<br>-121.658004 ° | 38.849962 °<br>-121.653894 ° | 5                  |
| 10                        | 6.09       | 6.09  | Earthen Levee | Animal Control                        | LS       | C      | Exterminate rodents and backfill and compact or grout burrows.   | 38.842007 °<br>-121.657034 ° | 38.842007 °<br>-121.657034 ° | 16                 |
| 11                        | 11.03      | 11.03 | Earthen Levee | Crown Surface / Depressions / Rutting | CR       | M      | Add appropriate gravel or road base. Grade and compact.<br>Inspector Comments: This is a county (Kirkville Rd) that crosses the levee. The truck traffic and the county grading, the road has degraded the crown. Need to have AB material to reestablish the crown to proper grade.Some improvement has been made to crown of road. | 38.909385 °<br>-121.639435 ° | 38.909385 °<br>-121.639435 ° | 17<br>Y            |
| 12                        | 20.39      | 20.39 | Earthen Levee | Trim / Thin Trees                     | WS       | W      | Trim and thin trees to allow visibility of the ground and room to flood fight.<br>Inspector Comments: Cut up fallen cottonwood tree, backfill, and compact area of the root zone. Tree has fallen towards shoulder.  | 39.016203 °<br>-121.738709 ° | 39.016203 °<br>-121.738709 ° | 6                  |

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Sutter Bypass | Right | 20.77      | 04/19/2010<br>04/19/2010 | John<br>Williamson |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 1             |
| Start Levee Mile       | 0.00          |
| End Levee Mile         | 20.77         |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

Grasses more than 12"

johnngw\_s\_20100420\_113.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 2             |
| Start Levee Mile       | 0.00          |
| End Levee Mile         | 20.77         |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

Grasses more than 12"

johnngw\_s\_20100420\_114.jpg



|                        |  |
|------------------------|--|
| Levee Mile Report Line | 5  |
| Start Levee Mile       | 0.16                                     |
| End Levee Mile         | 1.86                                     |
| Location               | Crown                                    |
| Category               | Earthen Levee                            |
| Item                   | Crown Surface /<br>Depressions / Rutting |

Vegetation on crown

johnngw\_s\_20100420\_115.jpg

**\* Location**

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Tuesday, July 06, 2010 15:29

**FINAL DATA**

Page 2 of 3

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 1500 Sutter Basin**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|---------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Sutter Bypass | Right | 20.77      | 04/19/2010<br>04/19/2010 | John<br>Williamson |

|                           |  |
|---------------------------|--|
| Levee Mile Report Line    | 11                                       |
| Start Levee Mile          | 11.03                                    |
| End Levee Mile            | 11.03                                    |
| Location                  | Crown                                    |
| Category                  | Earthen Levee                            |
| Item                      | Crown Surface /<br>Depressions / Rutting |
| cross view of levee crown |  |
| johngw_s_20100316_038.jpg |  |



|                                   |  |
|-----------------------------------|--|
| Levee Mile Report Line            | 11                                       |
| Start Levee Mile                  | 11.03                                    |
| End Levee Mile                    | 11.03                                    |
| Location                          | Crown                                    |
| Category                          | Earthen Levee                            |
| Item                              | Crown Surface /<br>Depressions / Rutting |
| dip coming off the crown of levee |  |
| johngw_s_20100316_039.jpg         |  |



|                                      |  |
|--------------------------------------|--|
| Levee Mile Report Line               | 11                                       |
| Start Levee Mile                     | 11.03                                    |
| End Levee Mile                       | 11.03                                    |
| Location                             | Crown                                    |
| Category                             | Earthen Levee                            |
| Item                                 | Crown Surface /<br>Depressions / Rutting |
| typical truck that crosses the levee |  |
| johngw_s_20100316_040.jpg            |  |

**\* Location**

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